

ANCHORAGE AMATEUR RADIO CLUB



PRESIDENT FRED WEGMER

KL7HFM 274-3464

CLUB PHONE: 345-0719

AUGUST 1991 AUGUST 1991 AUGUST 1991 AUGUST

General Meeting August 2nd 7:00 PM 2020 W. 48th Ave Spenard Rec Center

PROGRAM

"Russian Medical Assists"

Raymond Morris - KL7C

"Last Passage of the Infamous Field Day Trophy"

Video from Bill - KL7BB

For other Club Activities please see the Calendar on Page 2.

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EDITOR-HARVEY ROOKUS - NL7DK 3310 CHECKMATE DR. ANCHORAGE ALASKA 99508 (907) 333-4693

Calendar 1991-1992

July 1991

January 1992

General Mtg 5th Board Mtg 10th Motley Picnic 12-13-14

General Mtg 3rd Board Mtg 8th PARKA Mtg 25th

AUGUST

February

GENERAL MIG 2nd BOARD MIG 14th ARES Emerg. Exercise 21st Fur Rondy - Grand Prix PARKA MTG 31st

General Mtg 7th Board Mtg 12th

- Dog Races

PARKA Mtg 29th

September

March

General Mtg 6th Board Mtg 11th Hamfest/Flea Market 21st and 22nd PARKA Mtg 28th .

General Mtg 6th Board Mtg 11th PARKA Mtg 28th

October

April

Ham Classes 1st Tu/Th General Mtg 4th Board Mtg 9th PARKA Mtg 26th

General Mtg 3rd Board Mtg 8th PARKA Mtg 25th

November

May

General Mtg 1st Board Mtg 13th PARKA Mtg 30th

General Mtg 1st Board Mtg 13th Walk For Hope PARKA Mtg 30th

December

June

Christmas Party 6th Board Mtg 11th PARKA Mtg 28th

General Mtg Election 5th Board Mtg New/Old 10th Field Day 27/28 Prov. Hosp. PARKA Mtg. 27th

General Clubmeeting Minutes 7-5-91

The general clubmeeting was opened at 7:05 PM by Fred Wegmer, KL7HFM. It began with introductions and announcements.

Dan, AL7GN, reported that emergency office coordinator has requested ham participation in an emergency drill which will be staged on August 21. See Lil, NL7DL, if you can help.

Fred presented a letter of thanks from APU for scholarship and endowment programs. Rob, AL7KK, reported \$1689.50 in the checking account.

The Bush Net picnic was as great a success as ever according to Lil who chowed her way through it. (Ask her why she's avoiding Brenda, AL7LX).

KL7YF gave a brief report on VHF. The remote receiver is now located at Civil Air Patrol. the 147.90/30 Ider has been changed and the squelch opened up. The new antenna for the Rabbit Creek site was discussedbriefly.

According to KL7YF, approximately 300 Field Day contacts were made. (Have fun, Bill!)

The Seward repeater frequencies are 145.21/144.61. Work is being done to set the repeater up permanently and link it to Anchorage and the Mat-Su Valley.

The club viewed a video on the Alyeska Pipeline and pipelinearea wildlife.

It was decided to give all raffle fixés prizes to Fred since he wins them all, anyway.

The eatin' after the meetin' was held at Elmer's. Lil chowed her way through that one, too.

(Dis)Respectfully Submitted,

Lil Marvin NL7DL

SEPTEMBER 21st and 22nd 1991 HAM FEST / FLEA MARKET

Please help out with the Anchorage Amateur Radio Club's 20th Annual Electronicc Flea Market. If you can help in any capacity please contact Susan Woods - NL7NN 243-5833 hm or 561-2210 wk or at the Club Meeting.

Minutes for AARC Boardmeeting 7-10-91

The July, 1991, boardmeeting was opened at 7;03 PM by President Fred Wegmer, KL7HFM. The following boardmembers were also present: KL7FHX, AL7IM, NL7DN, NL7SU, KL7PX, AL7BB, NL7RA, NL7UH, AL7BK, KL7YF, NL7KN. Also present were the following: AL7KK, KL7IKX, NL7AB, NL7NN, NL7DK.

Rob, AL7KK, reported an amount of \$1689.85 in the club checking account, and an amount of \$13,404.00 in the gaming account. The minutes for the June meeting were read by Her Highness, Lil, NL7DL.

Lance, AL7BK, reported a membership total of 375 with 68% being members of ARRL. The board voted to allocate funds to replace depleted club patches.

The VHF/UHF chaitman, Doug, KL7IKX, reported that the noise on the UHF repeater has been fixed. The board discussed the replacement of the rf unit for the UHF repeater with another existing unit.

The board voted to purchase a 3-band antenna for the club, to be used for Field Day and emergency operations.

Susan, NL7NN, reported that she is looking at 2 possible hamfest sites. Harvey, NL7DK, will aid her in her attempts. She proposed to initiate the sale of T-shirts with an Alaskan amateur radio logo at the hamfest.

AL7BB volunteered to return as a hamfest Country Store operator. He proposed the following changes for the Country Store: 1. The consignment items be increased from 10% to 20%. 2. The consignment items be kept separate from the club donations, with a barrier between the two. 3. Consignment items be electronic-related. Hamfest policies will be published in the August newsletter.

The possibility of making hamfest, VHF, and membership chairpersons into full-fledged boardmembers will be looked into.

The Mt. View Recreation Center and APU will both be investigated as future clubmeeting sites. More information later.

The board voted to continue holding the checking account at the First National Bank of Anchorage.

With a great sigh of relief, the meeting was closed at 8:31 PM.

Respectfully Submitted Lil Marvin NL7DL



MDXC AWARD PROGRAM

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GENERAL RULES :
                                                 Miller DX Club issues these certificates and cup to any licensed radio amateurs or SWL's throught the world.
                                       12345
                                                Miller DX Club issues these certificates and anomaly and initiations.

No mode limitations.

The same MDXC-member can be worked several times on different bands (except "MDXC" cup).

The fee is 10 IRC,$4US,DM10 or UK3 pounds for each award (except "MDXC" cup).

Do not send QSL's. Send GCR-list to the awards manager:

Vlad P. Lifar , RW4HZ(ex UA4HJA)

Box 2717

445039 TOGLIATTI-39

USSR
                                                USSR
To join the MDXC: Provide proof of earning 20 different awards and 1(one) listed for MDXC.
Fee for joining is 15IRCs,$7US,DM15 or UK4 pounds.
Every year Miller DX Club has activity days in January (3rd complete week) and in May (3rd complete week).
                                                                                                                                 " W-MDXC-M " AWARD
 REQUIREMENTS: All contacts on or after 1.1.1989 count for this award.

EU-stations: must have 5 GSO(SWL) with our members;
outside EU: must have 2 GSO(SWL) with our members.
                                                                                                                           " THE DON STEPPE " AWARD
REQUIREMENTS: 1) All QSOs/SWLs on or after 1.1.1986 count for this award.
2) QSOs/SWLs must be made with MDXC-members and stations from oblast No.150 of the USSR (RA/RV/RW/RZ6L,UA/UV/UW/UZ6L).
3) QSO/SWL with one MDXC-member at least is necessary.
                                                    MDXC-member....2 prints station from obl.150 of the USSR....1 print EU-stations: must have......15 prints outside EU: must have..........5 prints
                                                                                                                         " MIKHAIL SHOLOKHOV " AWARD
The award is dedicated to the memory of the famous soviet writer Mikhail Sholokhov (1905-1984).

REQUIREMENTS: 1) All QSDs/SWLs on or after 24.5.1989 count for this award;
2) QSOs/SWLs with MDXC-members and countries in which Sholokhov's literary productions was published are valid;
3) QSOs/SWLs with applicant's country is invalid.

EU-stations: must have 5 QSD(SWL) with MDXC-members & 10 countries;
outside EU: must have 2 QSO(SWL) with MDXC-members & 5 countries.
                                                                                                        List of countries good for " MIKHAIL SHOLOKHOV " award
     BY, CO, CT, CX, EA, F, G, HA, I, JA, JT, LU, LZ, OD, OH, OK, P5, PY, SM, SP, SV, TA, VE, VK, VU, W, XE, Y, YO, YU, ZL, 3W, 7X.
                                                                                                                                        " MDXC " CUP
REQUIREMENTS: 1) All QSOs/SWLs on or after 1.1.1986 count for this cup.
2) Must have 2(two) awards from MDXC Awards Program and QSOs/SWLs with 15 different MDXC members.
3) The fee is 50 IRCs,$20US,DM45 or UK15 pounds.
                                                                                                                                      " CROSS " AWARD
REQUIREMENTS: 1) All QSOs/SWLs on or after 1.1.1986 count for this award.
2) Given for confirmed QSOs/SWLs touched by the 49th degree N Latitude and 41st degree E Longitude.
Valid countries: 49N - BY,DL,F,JT,QK,UA(European part RSFSR),UA(Asiatic part RSFSR),UB5,UC7,VE,W.
4tE - ET,HZ,TA,T5,UA(European part RSFSR),UF,YI,YK,4K1(any station from Antarctica),5Z.
3) Applicants must have: 49N - 10 countries,
41E - 6 countries.
                                                                                                                                    " 16Z-PI-A " AWARD
REQUIREMENTS: 1) All QSQs/SWLs on or after 1.1.1986 count for this award.
2) EU-stations: must have 50 different prefixes of the 16th Zone(WAZ), outside EU: must have 35 different prefixes of the 16th Zone(WAZ).
                                                                                                                                   List of MDXC members
(DECEMBER 1990)
                                                                                 RW4: HZ (ex UA4HJA)
RA6: LJD LKL LRR LTS
RV6: LB LD LF L6
RW6: LF LJ LK LL
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RZ6: LX6 LXL UA6: LLX LQQ UV6: LCM LHF UW6: LB LE UZ6: LA LB

LÎN LĂR LOZ LJA LJG LKE LKF LLA LRO NP LC LF LZZ

LO LP LQ LR LU LX LZ (ex UA6LMT, RU4H/RW6LZ)

NOTICES NOTICES

Contesters-

"The excitment is building!! The MD-DC QSO Party is August 17th and 18th 1991" WA3EDP

ARES Members & others -

EOC with the assistance of ARES will be having an Emergency Exercise on August 21st from approx 12 noon to 3 PM. Call NL7DL-Lil for details.

Ham Classes -

Ham Classes for Novice/Technician/General will start on Tuesday October 1st and will be on Tuesdays and Thursdays with the last class being Thursday November 21st. Contact NL7DL or KL7YF at 277-6741 for details.

Field Day 1992 -

We have tentatively been invited to have our Field Day once again at Providence Hospital in 1992. Sounds good to me, Ed.

Handicapped Hams -

Here is an excerpt from the "Common Ground" newsletter of Hawaii West-Amateur Radio Society." 'Field Day' Our blind and Deaf member, Dave KH6BIH turned in a sterling performance on the key. He is a real CW expert. He "reads" code by placing his fingers on a speaker cone and decodes the vibrations. He speaks with difficulty but well enough so a logger can write what he has received." I am sure that

this will make many of us think before we complain about our problems. Many accolades go to "Dave-KH6BIH" for his fine operating.

Many kudos to the following Field Day operators/helpers:

OPERATORS:

Harley Steward KL7IZZ Jim Moody NL7C Lynne Duncan KL7IO Ed Tucker KL7DU Fred Erickson KL7VC Bill Barber KL7GM Susan Woods NL7NN Jerry Ganopole WL7AME Harry Dutton AL7M Bell Beach AL7MM Lorraine Conary KL7IAF Harvey Rookus NL7DK Arlene Steward KL7HO Robert Wilson AL7KK Al Krise NL7XT Eddie Parrott NL7XA Bill Reiter KL7ITI Gene Mathews AL7LI Joan Beller NL7RA Sandy White NL7JY Fred Wegmer KL7HFM Dennis Strait NL7DN Jeff Deiser WL7BXM Tony Gangi NL7PB Bill Barker AL7JT Robert Baker, Sr. NL7UH Robert Baker, JR. NL7UQ Simon Carraway NL7VR Kent Petty NL7VJ Dianne Hammer NL7KN Rick marvin KL7YF Catherine Flint NL7XC

HELPERS:

Harvey Rookus NL7DK Harley Steward KL7IZZ Susan Woods NL7NN Robert Wilson AL7KK Arlene Steward KL7HO Al Krise NL7XT and XYL Mel Bill Beach AL7MM Rick Marvin KL7YF Bill Barker AL&JT Robert Baker, Sr. NL7UH Robert Baker, Jr. NL7UQ Ed Tucker KL7DU Jana Erickson WL7BZS Fred Erickson KL7VC Catherine Flint NL7XC

Special thanks to Rob Flint for his hard work in getting all our equipment/trailers, etc., together for Field Day and for the time he spent operating. Also special thanks to Dianne Hammer for operating and for putting together the food.

If I forgot anybody, or misspelled any names, or got any callsigns wrong, 30 lashes with a wet noodle for me!!!

Ail NL782

AARC 20th ANNUAL HAM FEST / FLEA MARKET SHIRTS

AS FLEA MARKET CHAIRMAN, I WILL BE MAKING A TEE-SHIRT ORDER ABOUT THE LAST WEEK IN AUGUST.

HOODED SWEAT SHIRTS WILL BE \$22.00 EACH. ADULT SIZES S, M, L, XL ONLY.

TEE-SHIRTS WILL BE \$10.00 EACH. ADULT SIZES 2X, 3X, 4X ONLY.

ALL SHIRTS WILL BE 50/50 COTTON/POLY.

ALL SHIRTS MUST BE PRE-PAID IN FULL.

ALL SHIRTS WILL BE AVAILABLE FOR PICK-UP AT THE FLEA MARKET.

SEND CHECK OR MONEY ORDER TO:

SUSAN J. WOODS

C/O ANCHORAGE AMATEUR RADIO CLUB, INC.
P. O. BOX 101987

ANCHORAGE, ALASKA 99510-1987

	CALL	FROM TO								
ANCHORAGE BETHEL										
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PETER H. GRAETER EAGLE RIVER	MLIOK	GENERAL	AMAILOR EXIKA							
JOAN E. BELLER	NL7RA	GENERAL	ADVANCED							
MATTHEW T. GRIFFIN	1127111	NO LICENSE	N.C. TECHNICIAN							
JEFFERY A. SOOTS	KC4MCZ	TECHNICIAN	GENERAL <							
FAIRBANKS										
DANIEL R. BALTRUM	NL7XV	TECHNICIAN	GENERAL							
IDA L. KNAEBEL		NO LICENSE	N.C. TECHNICIAN							
ALAN J. CHUCULATE		NO LICENSE	N.C. TECHNICIAN							
JOHN A. ROGINSKI		NO LICENSE	N.C. TECHNICIAN							
HAROLD J. STEFFEN		NO LICENSE	N.C. TECHNICIAN							
JUNEAU										
SOLDOTNA		NO LICENCE	N C MROUNTOTIN							
DEBBIE K.B. STEWART		NO LICENSE	N.C. TECHNICIAN							
VALDEZ										
WASILLA WILLOW										
CLARENCE J. ZICKUHR	NL7SG	GENERAL	ADVANCED							
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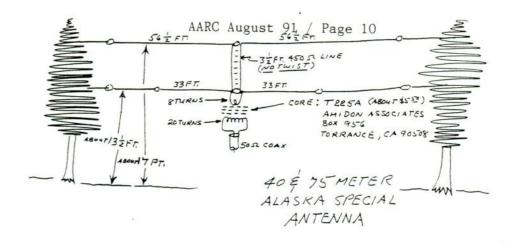
submitted by Roger Hansen, KL7HFQ, VEC Director)

Excerpt from FCC letter to VEC

"We have received several inquiries concerning the use of the MCW emission. types. The writers have missed the point that in Section 97.3(c)(5) of the Commission's Rules, 47 C.F.R. 97.3(c)(5), MCW is now considered a phone emission in certain instances. In those particular instances, therefore, a new MCW emission is authorized wherever phone emissions are authorized under Section 97.305(c) of the Commission's Rules, 47 C.F.R. 97.305(c)."

Signed

John B. Johnston Chief, Personal Radio Branch



ARCTIC DUAL BAND ANTENNA

Box 110955 Anchorage, Alaska 99511

In Alaska, and many other places, it is hard to find tall antenna supports. Here is an antenna for both 75 and 40 meter ham bands which is designed to be low. Described below is a double dipole especially tuned to work in the treeless north. In fact the 75 meter part is only 17 feet above ground level and the 40 meter part only 13 feet above ground level.

After designing short wave systems for the Voice of America a simple two band antenna seemed a snap. It ended taking a lot more time than I had expected. First low antennas were detuned by the ground. Length and impedance are vastly different than given in conventional formulas. Second, placing one antenna near another detunes both lengths more than expected. Every one of the conventional old two band antennas I tried really didn't work well. It took a lot of new math to find a system that would work well. So follow the dimensions closely for best results. However, the dimensions are very easy.

For the longest dipole measure two wire sections 56.4 (set long and leave at least 6 inches more at each end for wrapping around the insulators. The shorter dipole requires two wire sections 33.0 feet long, again with 6 inches extra at each end for the insulators. I prefer number 16 copper coated steel wire (brand name Copperweld) because it won't stretch. I also prefer ceramic 'egg insulators' also known as 'strain insulators'. But even ordinary house wire and rope will work, but for a shorter time.

The top dipole and the shorter bottom dipole are connected by a 3.5 foot section of transmission line. This can be 450 ohm 'ladder line' or simply two wires spaced anywhere from 1 inch to 1 foot. The only critical thing, the wires are NOT TRANSPOSED. The transmission line should not be twisted. The upper and

lower dipoles are fed in-phase.

The feed point is the lower dipole. Both dipoles will have a 9 ohm impedance at this point and at this height above ground. Both may be exactly matched with one simple transformer.

Obtain one donut shaped toroid core designed for radio frequency. The diameter should be roughly 3 inches, inside hole about 2 inches, and perhaps 0.5 inches thick. I prefer a core with part number T225A-2, sold by Amidon Associates, Box 956, Torrance, Ca. 90508 (cost about \$5.50 plus shipping). On this core wind twenty turns of insulated number 14 wire in a special manner. I prefer automotive wire. Wind on 5 turns and make sure they are spaced evenly around the core. Then keep on winding following the first 5 turns so that you have a total of 20 turns of wire on the core. This primary should look like a band of four wires having only two ends. Twist the ends tightly. Next, using another color wire wind on 8 turns following the band of wires exactly. If the secondary slips between the primary wires, good. I prefer to start this secondary about one fourth of the way around from the twisted wire ends. Using string or fish line tie down the ends of the secondary. Coat the works with silicone glue and wait about 3 days for it to cure.

The twisted end will be for 50 ohm coax. Use a connector, or solder direct to the coax and silicone the joint. The secondary wires should be soldered to the lower dipole, leaving not more than 2 inches of slack in the wire. It is best to tie the coax to the center insulator with heavy cord for strain relief. This transformer will both match the antenna, and act as a baiun.

73, AL7KK

Survival Russian for Radio Sport

KL7QR

James Tudehope 11102 Aurora Eagle River, Alaska 99577 Ph (907) 694-1115 Home Voice/Fax Ph (907) 265-8327 Work

Editor's Note - I do noe believe the aboves address is Correct, but many Thanks to KL7QR for this Text. The total Paper will be run over the next three issues of our Newsletter.

Russian Letters, Phonotics, and Transliteration Author James Tudehope (KL7QR) Home phone/fax 694-1115

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Russian Morse Code Cheat Sheet James Tudehope (KL7QR)

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Typical Russian CW QSO: UAOCDX DE KL7QR

имя джеймс-мой ' СИГНАЛ-МОЁ ЗДР ДР ДРУК ВАШ СИГНАЛ 59 ОЧЕНЬ ХОРОШИЙ HI DEAR FRIEND YOUR SIG 59 VY GOOD SIGNAL MY NAME JAMES MY PEKA-KAK поняли ? у меня 100 ватт-моя ант 3 эл ягиканицчо дочол TOWN EAGLE I HV 100 WTTS MY ANT E EL YAGI RIVER HOW CPY ? темп почти 15ц минус небо ясно-МОЁ РАДИО KENWOOD TS-940-WX ХОРОШО MY RADIO WX FINE TEMP ABT 15C MINUS SKY CLEAR 73 СПБ ЗА СВЯЗЬ ДР ДРУК-НАДЕЮСЬ МЫ ВСТР СНОВА-ДСВ TNX FOR QSO DEAR FRIEND-I HOPE WE MEET AGN-UNTIL WE MEET AGN 73

ANCHORAGE AMATEUR RADIO CLUB, INC. Post Office Box 101987 Anchorage, Alaska 99510-1987

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FLEA MARKET - Country Store Policy

Consignment portion of the Country Store will be separated from the rest of the Store

Consignment- Electronic related items only.
20% of sale price goes to Country Store.

WANTED- Tower and/or Mast (Sections), and/or an antenna rotor for a 3 element, aluminum pipe, 10 meter Beam. Please call Jeff, WL7BXM, @ 892-9170 for details.

FOR SALE - Telescoping 86' Tower w/Rotor, 10-15-20 Beam. \$500 U Take It Down. Call Bill - KL7GIY 277-1233

NEEDĖD - Someone proficient in repair of Collins S-Line; 32S3 / 75S3. Please Call Bill Missal @ 345-7520